

PTO/SB/21 (08-03)

Approved for use through 07/31/06. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/010,696	
	Filing Date	December 5, 2001	
	First Named Inventor	Visvamohan Yegnashankaran et al.	
	Group Art Unit	2811	
	Examiner Name	Vu, Quang D.	
Total Number of Pages in This Submission	49	Attorney Docket Number	100-16201 (P05088-C1)

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Fee Attached (check for \$110) <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final (Response) <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request (in duplicate) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Certificate of Mailing Appendix A- Annotated Marked Up (8 sheets) and Appendix B- Replace Set of Drawings (11 sheets)
Remarks		Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. A duplicate copy of this transmittal is attached for this purpose.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark C. Pickering, Reg. No. 36,239
Signature	
Date	June 22, 2004

CERTIFICATE OF MAILING

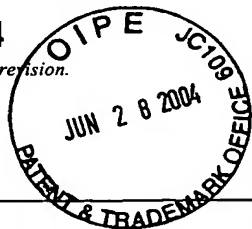
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: M/S Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: June 22, 2004			
Typed or printed name	Robin L. King		
Signature		Date	June 22, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FEE TRANSMITTAL

For FY 2004

Patent Fees are subject to annual revision.



TOTAL AMOUNT OF PAYMENT \$110

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge any fees or credit any overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. 502305

LAW OFFICES OF MARK C. PICKERING

☐ Applicant claims small entity status. See 37 CFR 1.27.

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

LARGE ENTITY		SMALL ENTITY		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility	
1002	340	2002	170	Design	
1003	530	2003	265	Plant	
1004	770	2004	385	Reissue	
1005	160	2005	80	Provisional	
SUBTOTAL (1)					0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	23 - 29 **	= 0	x 18	= \$ 0
Independent	5 - 6	= 0	x 86	= \$ 0
Multiple Dep.			*	= \$ 0

** or number previously paid, if greater; for Reissues, see below:

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claim in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue ind. claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$0

SUBMITTED BY

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Complete if Known

Application Number	10/010,696
Filing Date	December 5, 2001
First Named Inventor	Visvamohan Yegnashankaran et al.
Examiner Name	Vu, Quang D.
Group Art Unit	2811
Attorney Document No.	100-16201 (P05088-C1)

FEE CALCULATION (continued)

3. Additional Fees					
Large Entity		Small Entity			
Fee Code		Fee Code			
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2520	1812	2520	For filing a request for ex parte reexamination	
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	
1805	1840	1805	1840	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	110
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1480	2254	740	Extension for reply within fourth month	
1255	2010	2255	1005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1510	1451	1510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive-unavoidable	
1453	1330	2453	665	Petition to revive-unintentional	
1501	1330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$110

Date: 6-22-04
By: Mark C. Pickering
Mark C. Pickering, Reg. No. 36,239

10/010,696



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Visvamohan Yegnashankaran et al.

Appln. No.: 10/010,696

Filed: December 5, 2001

For: MULTILEVEL METAL INTERCONNECT
WITH CAPACITIVE STRUCTURES
THAT ADJUST THE CAPACITANCE OF
THE INTERCONNECT (as amended)

Group Art Unit: 2811

Examiner: VU, QUANG D

AMENDMENT IN RESPONSE TO OFFICE
ACTION MAILED FEBRUARY 27, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the
United States Postal Service, postage prepaid, in an envelope,
addressed to Mail Stop Amendment, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450 on 06-22-04

INTRODUCTORY COMMENTS

Dated: 06-22-04

By: [Signature]

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed February 27, 2004, please amend the
above-identified applications as follows:

Amendments to the Specification which begin on page 2 of this paper;

Amendments to the Claims are reflected in the listing of claims which
begins on page 5 of this paper;

Remarks which begin on page 13 of this paper;

Appendix A which begins on page 23 of this paper; and

Appendix B which begin on page 24 of this paper.

AMENDMENT IN RESPONSE TO
OFFICE ACTION DATED FEBRUARY 27, 2004

Atty. Docket No. 100-16201
(P05088-C1)